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Client: National Institute of Health
Bldg 14A, Rm 119A8
14 Service Road West
Bethesda, MD 20892-5515

Sample Number: 26411
Receive Date: 6-Aug-10
Report Date: 16-Aug-10

Contact: Dennis Bernard

Sample Description:

- 1= Monkey Diet, 2050MONK-0527 + 070910, 661g
- 2= Monkey Diet, 5045MONK-120109+0424+062210, 670
- 3= Monkey Diet, 5038MONK-0106+052110, 685g
- 4= Canine Diet, 5L18DOG-0311+031810, 838g
- 5= Lab Animal Diet, NIH31-0505-072110, 259
- 6= Pig Diet, NIHPIG-061110, 863g
- 7= Monkey Diet, 8788MONK-0611+070810, 604g

Test Description: Detection Limits			Sample Numbers						
			1	2	3	4	5	6	7
Aflatoxin B1	1.0 ppb	HPLC	ND	ND	ND	ND ⁴	ND	ND ⁴	ND
Aflatoxin B2	1.0 ppb	HPLC	ND	ND	ND	ND	ND	ND	ND
Aflatoxin G1	1.0 ppb	HPLC	ND	ND	ND	ND ⁴	ND	ND	ND
Aflatoxin G2	1.0 ppb	HPLC	ND	ND	ND	ND	ND	ND	ND
Ochratoxin A	2 ppb	HPLC	6.4	5.9	7.1	ND	6.8 ²	ND	7.0
T-2 Toxin	0.1 ppm	TLC	ND	ND	ND	ND	ND	ND	ND
HT-2 Toxin	0.1 ppm	TLC	ND	ND	ND	ND	ND	ND	ND
Diacetoxyscirpenol	0.3 ppm	TLC	ND	ND	ND	ND	ND	ND	ND
Neosolaniol	0.1 ppm	TLC	ND	ND	ND	ND	ND	ND	ND
Fusarenon X	0.5 ppm	TLC	ND	ND	ND	ND	ND	ND	ND
Deoxynivalenol	0.1 ppm	TLC	0.5	0.4	0.5	ND	0.9	0.2	ND
15 Acetyl-DON	0.1 ppm	TLC	ND	ND	ND	ND	ND	ND	ND
3 Acetyl-DON	0.1 ppm	TLC	ND	ND	ND	ND	ND	ND	ND
Nivalenol	0.5 ppm	TLC	CSM ¹	CSM ¹	CSM ¹	CSM ¹	CSM ¹	CSM ¹	CSM ¹
Zearalenone	100 ppb	LC-MS/MS	128 ³	104 ³	ND ³	130 ³	ND ³	ND ³	ND ³
Fumonisin B1	0.2 ppm	HPLC	ND	ND	ND	ND	ND	ND	ND
Fumonisin B2	0.2 ppm	HPLC	ND	ND	ND	ND	ND	ND	ND
Citrinin	267 ppb	TLC	296	ND	296	ND	ND	ND	ND

¹ Unable to analyze due to complex sample matrix.

² Detection limit raised to 4 ppb due to matrix spike recovery of 60.6%. This does not meet Romer quality standards.

³ Analyzed using LC-MS/MS. Matrix spike recoveries between 123.6% and 135.4%.

⁴ Detection limit raised to 2.0 ppb due to matrix spike recoveries between 65.6% and 69.5%. This does not meet Romer quality standards.

Approved By: _____

Christy Brewe

Date: 16-Aug-10

ND = NONE DETECTED

All sample results have been adjusted for matrix spike recovery.

For Unusual Samples Detection Limits May Be Higher

We Sincerely appreciate your business. Please feel free to call (636) 583-8600 if you have any questions regarding these results

All reports on the mycotoxin analysis of food, feed, and grain samples apply only to the samples submitted.

Reports are not a guarantee of quality of the material of product from which the samples were taken for submission for analysis.

This report and any attached files are confidential and legally privileged to submitter only.

Results are only reported to the person or persons submitting samples unless instructed otherwise.

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